

MongoDB Basic Methods Cheat Sheet

1. Database Methods

show dbs - List all databases
use - Switch to / create a database
db - Show current database
db.dropDatabase() - Delete current database

2. Collection Methods

show collections - List collections
db.createCollection('users') - Create collection
db.users.drop() - Delete collection

3. Insert Methods (Create)

db.users.insertOne({name: 'Hari', age: 22})
db.users.insertMany([{name: 'A'}, {name: 'B'}])

4. Read Methods (Find / Query)

db.users.find() - Show all documents
db.users.findOne() - Show first document
db.users.find({age: 22}) - Filter documents
db.users.find({age: {\$gt: 20}}) - Conditional query
db.users.find().limit(5) - Limit results
db.users.find().skip(5) - Skip results
db.users.find().sort({age: 1}) - Sort results
db.users.countDocuments({age: 22}) - Count documents

5. Update Methods (Modify)

db.users.updateOne({name: 'Hari'}, {\$set: {age: 23}})
db.users.updateMany({city: 'Indore'}, {\$set: {verified: true}})
db.users.replaceOne({name: 'Hari'}, {name: 'Hari', age: 30})

6. Delete Methods (Remove)

db.users.deleteOne({name: 'Hari'})
db.users.deleteMany({age: {\$lt: 18}})

7. Index Methods

db.users.createIndex({name: 1})
db.users.getIndexes()
db.users.dropIndex('name_1')

8. Aggregation Methods

```
db.users.aggregate([{$group: { _id: '$city', total: { $sum: 1 } } }])  
db.users.aggregate([{$match: { age: { $gt: 20 } } }])
```

9. Misc / Utility Methods

```
db.stats() - Database stats  
db.users.stats() - Collection stats  
db.users.distinct('city') - Unique field values  
db.users.renameCollection('customers') - Rename collection
```